| 1. | ام د | ~~ | o.€ | CI  | ims |   |
|----|------|----|-----|-----|-----|---|
| "  | 70   | eх | ot  | Gla | ums | ÷ |



Application/Control No.

10/783,767

Examiner

ALCAZAR ET AL.

Art Unit

Applicant(s)/Patent under Reexamination

VAN H. NGUYEN

2194

Rejected **Allowed** 

(Through numeral) Cancelled ÷ Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla         | im       | Date         |              |                |              |  |              |  |              | Claim    |     |       |          |          |                 |
|-------------|----------|--------------|--------------|----------------|--------------|--|--------------|--|--------------|----------|-----|-------|----------|----------|-----------------|
| Final       | Original | 5/27/07      | 11/10/07     |                |              |  |              |  |              |          |     | Final | Original |          |                 |
| <b>—</b>    | 1        | 1            | V            |                | _            |  |              |  |              |          |     |       | 51       |          |                 |
|             | 2        | 1            |              |                |              |  |              |  |              |          |     |       | 52       |          |                 |
|             | 3        | Ш            | Ш            |                |              |  |              |  |              |          |     |       | 53       |          |                 |
|             | 4        | Ш            | Ш            |                |              |  |              |  |              |          |     |       | 54       | ļ        |                 |
| ļ           | 5        | Ц            | Ш            |                | L            | ļ  |              | <u>L</u>   | _            |          |     |       | 55       | Ĺ        | Ш               |
|             | 6        | Н            | Ш            |                | _            | <u> </u>   |              | _  | _            | _        |     |       | 56       | ļ        | $\sqcup$        |
| ⊢—          | 7        | Н            | H            | <b> </b>       | <b>-</b>     | ⊢  | _            | <u> </u>   | <u> </u>     | <u> </u> |     |       | 57<br>58 | -        | $\vdash$        |
|             | 8        | ╀            | ₩            |                | ├            | ├  | <del> </del> | ⊢  | <del> </del> |          |     |       | 59       | -        |                 |
| $\vdash$    | 10       | Н            | Н            | ┝              | ⊢            |  |              | $\vdash$   | $\vdash$     |          |     |       | 60       | $\vdash$ | $\vdash$        |
| $\vdash$    | 11       | 11           | H            | <del>  -</del> | ┢            | ┢  | $\vdash$     | ⊢  | ┢            | $\vdash$ |     |       | 61       | $\vdash$ | $\vdash \vdash$ |
|             | 12       | H            | H            | $\vdash$       |              | H  |              |  |              |          | 1   |       | 62       | $\vdash$ | H               |
|             | 13       | Ħ            | H            |                | Т            | Т  |              | Г  | $\vdash$     |          |     |       | 63       | Н        | Н               |
|             | 13<br>14 | T            | П            |                |              |  |              |  | Г            |          |     |       | 64       |          | П               |
|             | 15       | П            | П            |                |              |  |              |  |              |          |     |       | 65       |          |                 |
|             | 16       |              | П            |                |              |  |              |  |              |          |     |       | 66       |          |                 |
|             | 17       |              | Ц            |                |              |  |              |  |              |          |     |       | 67       |          | Ш               |
| <u></u>     | 18       | 1            | Ц            | L              | _            | <u>L</u>   |              |  |              |          |     |       | 68       | _        |                 |
|             | 19       | 1            | Н            | <u> </u>       | L.           | <u> </u>   |              | _  | <u> </u>     | <u> </u> |     |       | 69       | ļ        |                 |
|             | 20       | 1            | Ц            | _              |              | ļ  | L            | _  |              | <u> </u> |     |       | 70       |          | $\vdash$        |
| <b>├</b>    | 21       | 1            | 1            | <u> </u>       | ⊢            | _  |              |  |              |          |     |       | 71       | <u> </u> |                 |
| <u> </u>    | 22<br>23 | -            | -            |                | ├—           | ⊢  | <u> </u>     | <del> </del>                                     | ├            | ├        |     |       | 72<br>73 | -        |                 |
| _           | 24       | $\vdash$     |              | -              | ⊢            | ┢  | $\vdash$     | H  | ⊢            | -        | ł   |       | 74       | ┝        | $\vdash$        |
|             | 25       | -            | $\vdash$     | _              | $\vdash$     | -  | -            | $\vdash$   | -            | -        |     |       | 75       | -        | $\vdash$        |
|             | 26       | _            | ┢            |                | ┢            | H  |              |  | $\vdash$     | $\vdash$ | l   |       | 76       | $\vdash$ | $\vdash$        |
|             | 27       | 1            | ┢            |                |              |  |              | H  | $\vdash$     |          | l   |       | 77       |          | H               |
|             | 28       |              |              |                |              |  |              |  |              |          | i   |       | 78       |          | $\Box$          |
|             | 29       |              |              |                | Г            |  |              |  |              |          |     |       | 79       |          | П               |
|             | 30       |              |              |                |              |  |              |  |              |          |     |       | -80      |          |                 |
|             | 31       |              |              |                |              |  |              |  |              |          | ]   |       | 81       |          |                 |
|             | 32       |              |              |                | ļ            |  |              |  | L            |          | l I |       | 82       |          |                 |
|             | 33       | <u> </u>     | <u> </u>     | _              | <u> </u>     | <u> </u>   | <u> </u>     | _  | <u> </u>     | _        |     |       | 83       | L        |                 |
| <u> </u>    | 34       | _            | <u> </u>     | ļ              | <u> </u>     | -  | _            | _  | ├            | ⊢        |     |       | 84       |          |                 |
| $\vdash$    | 35       | -            | $\vdash$     | $\vdash$       | <del> </del> | <del> </del>                                     | -            | -  | <del> </del> | -        |     |       | 85       | -        | $\vdash$        |
| <u> </u>    | 36<br>37 | $\vdash$     | $\vdash$     | ┢              |              | ├  | ├            | -  | ├            | ├-       |     |       | 86<br>87 | -        | $\vdash$        |
| <u> </u>    | 38       | 1            | $\vdash$     | $\vdash$       | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$ |     | _     | 88       | $\vdash$ | $\vdash \vdash$ |
| <b> </b>    | 39       | _            | t            | $\vdash$       | H            | <del>                                     </del> | <u> </u>     | <del>                                     </del> | T            | H        |     |       | 89       | Ι        | $\vdash \vdash$ |
| <u> </u>    | 40       |              | <u> </u>     | <u> </u>       | <b></b> -    | -  | Т            | $\vdash$   | Г            | $\vdash$ |     |       | 90       |          | $\vdash$        |
|             | 41       |              |              |                |              |  |              |  |              |          |     |       | 91       |          |                 |
|             | 42       |              |              |                |              |  |              |  |              |          |     |       | 92       |          |                 |
| L           | 43       |              |              |                | $\Box$       | Ĺ  | Ĺ            |  | 匚            | 匚        |     |       | 93       |          | Ш               |
| <u></u>     | 44       | <u> </u>     | <u> </u>     |                | _            | <u> </u>   | <u> </u>     | ļ  | ldash        |          |     |       | 94       |          | Щ               |
| <u> </u>    | 45       | <del> </del> | ⊢            | $\vdash$       | <u> </u>     | <u> </u>   | $\vdash$     | _  | <u> </u>     | _        |     |       | 95       | $\vdash$ | $\square$       |
| $\vdash$    | 46<br>47 | ⊢            | $\vdash$     |                | ├-           | -  | ⊢            | ├  | -            | <u> </u> |     |       | 96       | H        | $\mid - \mid$   |
| $\vdash$    | 48       | $\vdash$     | $\vdash$     | $\vdash$       | ├            | <del> </del>                                     | ⊢            | -  | $\vdash$     | $\vdash$ |     |       | 97<br>98 | $\vdash$ | $\vdash \vdash$ |
| <u> </u>    | 49       | -            | $\vdash$     | $\vdash$       | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     | -        |     |       | 99       |          | $\vdash \vdash$ |
| <del></del> | 50       | $\vdash$     | <del> </del> |                | ╁            | <del>                                     </del> | -            | -  | 一            | -        |     |       | 100      | $\vdash$ | $\vdash \vdash$ |
|             |          | Ь.           | Ь            | Ц              | _            |  | Ц.           |  | Ц.           | Ц        | i i |       |          |          | ш               |

| Cla       | aim      | Date        |              |             |          |          |              |              |          |              |  |  |
|-----------|----------|-------------|--------------|-------------|----------|----------|--------------|--------------|----------|--------------|--|--|
|           |          |             |              |             |          |          |              |              |          |              |  |  |
| ਲ         | Original |             | l            |             |          |          | 1            |              |          |              |  |  |
| Final     | Ğ        | l           |              |             |          |          |              |              | 1        |              |  |  |
|           | ΙŌ       |             |              |             |          |          |              |              |          |              |  |  |
|           |          | _           | <u> </u>     | _           | _        |          | <u> </u>     | Ш            | L        |              |  |  |
| L         | 51       |             |              |             |          |          | Ŀ            |              |          |              |  |  |
|           | 52<br>53 |             |              |             |          |          |              |              |          |              |  |  |
|           | 53       | $\vdash$    | Г            |             |          |          |              |              |          |              |  |  |
| <b>—</b>  | 54       | ┝           | -            | _           | $\vdash$ |          | -            | -            | -        |              |  |  |
|           | 55       | <del></del> |              | _           | $\vdash$ |          | $\vdash$     | $\vdash$     | $\vdash$ | _            |  |  |
|           | 50       | _           | ┝            | _           | $\vdash$ | $\vdash$ | _            | H            | ⊢        | _            |  |  |
| <u> </u>  | 56       | ļ           | <u> </u>     |             | Щ        | _        | <u> </u>     | _            | ļ        | _            |  |  |
|           | 57       | L           |              | L.          |          |          |              |              | L_       | L            |  |  |
|           | 58       |             |              | 1           |          |          | ŀ            |              | l        |              |  |  |
|           | 59       |             |              |             |          |          | ļ            |              |          |              |  |  |
|           | 60       | $\vdash$    | $\vdash$     | $\vdash$    |          |          |              | Т            | $\vdash$ |              |  |  |
| _         | 61       | $\vdash$    | $\vdash$     | $\vdash$    | $\vdash$ | -        | $\vdash$     | _            | $\vdash$ |              |  |  |
|           | 60       | $\vdash$    | ⊢            | $\vdash$    | ⊢⊢       |          | <del> </del> | <del> </del> | $\vdash$ | <del> </del> |  |  |
| <u> </u>  | 62       | <u> </u>    | ⊢            | <u> </u>    | <u> </u> | _        | Ь—           | _            | $\vdash$ | <u> </u>     |  |  |
| L         | 63       |             | L            | <u> </u>    | Ш        | Ш        | <u> </u>     |              |          |              |  |  |
|           | 64       |             |              |             |          |          |              |              |          |              |  |  |
|           | 65       |             |              |             |          |          | -            |              |          |              |  |  |
|           | 66<br>67 |             | Ι            | T           |          |          | Π            |              | <u> </u> |              |  |  |
|           | 67       | $\vdash$    | H            |             |          |          | -            | $\vdash$     | H        |              |  |  |
| -         | 60       | ⊢           | ⊢            | _           | Н        | _        | <del> </del> | ┝            | ┝        | _            |  |  |
| <u> </u>  | 68       | <u> </u>    | <u> </u>     |             | Щ.       |          | <u> </u>     | L.           | ┞        | <u> </u>     |  |  |
| L         | 69       |             | L            |             |          |          |              | _            | L_       |              |  |  |
|           | 70       |             |              |             |          |          |              |              |          |              |  |  |
|           | 71       |             |              |             |          |          |              |              |          |              |  |  |
|           | 72<br>73 |             | $\vdash$     |             |          |          |              |              |          |              |  |  |
| -         | 73       | -           | <del> </del> | _           | _        | _        |              | ┢            | $\vdash$ |              |  |  |
|           | 74       | ┝           | $\vdash$     | _           | $\vdash$ | _        |              | ⊢            |          |              |  |  |
|           | 75       | ├           | -            | -           | -        | _        | ├            | $\vdash$     |          |              |  |  |
|           | 75       | <u> </u>    | <u> </u>     | _           | _        |          | _            | _            | <u> </u> |              |  |  |
|           | 76       | _           | $oxed{oxed}$ | L           |          |          |              |              | _        |              |  |  |
|           | 77<br>78 |             |              |             |          |          |              |              |          |              |  |  |
|           | 78       |             |              |             |          |          |              |              |          |              |  |  |
|           | 79       |             |              |             |          |          |              |              |          |              |  |  |
| $\vdash$  | -80      | $\vdash$    | $\vdash$     | _           | $\vdash$ | _        | $\vdash$     | $\vdash$     | $\vdash$ |              |  |  |
| <u> </u>  | 81       |             | ├            |             | $\vdash$ |          |              |              | $\vdash$ | Ι            |  |  |
| <u> </u>  | 00       |             | -            | <u> </u>    | -        | -        | -            | <u> </u>     | -        | -            |  |  |
| <u> </u>  | 82       | <u> </u>    | <u> </u>     | L           | $\vdash$ | Ь.       | L            | <u> </u>     | <u> </u> |              |  |  |
|           | 83       | 匚           |              | L           | L        | Щ.       | <u> </u>     | L_           |          | L_           |  |  |
| L         | 84       | L           | L            | L           |          |          | L            | L            | L.       | L            |  |  |
|           | 85       |             |              |             |          |          |              |              | _        |              |  |  |
|           | 86       |             |              |             |          |          |              |              | $\vdash$ |              |  |  |
| <b>——</b> | 87       | ┢           | 1            |             |          |          | $\vdash$     | $\vdash$     | $\vdash$ | <del> </del> |  |  |
| $\vdash$  | 88       | ┝           | $\vdash$     | <del></del> | -        |          | $\vdash$     | —            | $\vdash$ | $\vdash$     |  |  |
| <u> </u>  |          |             | -            | <u> </u>    |          | Н        | $\vdash$     | <u> </u>     | $\vdash$ |              |  |  |
| <u> </u>  | 89       | <u> </u>    | <u> </u>     | <u> </u>    | <u> </u> | Щ        | <u> </u>     |              | <u> </u> | <u> </u>     |  |  |
| L         | 90       | L           |              | L           | L        | L.,      |              |              | _        | L.           |  |  |
| L         | 91       | L           | L            | L           | L        |          | L            | L_           | L        | L_           |  |  |
|           | 92       |             |              |             |          |          |              |              |          |              |  |  |
|           | 93       |             | _            |             |          |          |              |              | Г        |              |  |  |
|           | 94       | Н           | $\vdash$     | $\vdash$    |          |          | $\vdash$     |              | $\vdash$ | $\vdash$     |  |  |
| <u> </u>  | 95       | $\vdash$    | Н            | $\vdash$    |          |          | $\vdash$     | H            | $\vdash$ |              |  |  |
| <b>—</b>  |          | <u> </u>    | <u> </u>     | H           |          |          | <u> </u>     |              | <u> </u> |              |  |  |
| <u> </u>  | 96       | Щ           | Щ            | _           |          |          | <u> </u>     |              | L        |              |  |  |
| L         | 97       |             |              | <u> </u>    |          |          |              |              |          |              |  |  |
|           | 98       | LÌ          |              |             | L        |          |              | L Ì          | L        |              |  |  |
|           | 99       |             |              |             |          |          |              |              |          |              |  |  |
|           | 400      | _           | _            | _           | -        | -        | _            |              | -        | _            |  |  |

| Claim    |  | Date     |  |  |              |  |  |              |              |                 |  |  |
|----------|--|----------|--|--|--------------|--|--|--------------|--------------|-----------------|--|--|
| . '      |  |          |  |  |              |  |  |              |              |                 |  |  |
| Final    | Original   |          | l  |  |              |  |  | ŀ            |              |                 |  |  |
| <u> </u> | jrig   |          | ١.   |  |              |  |  |              |              |                 |  |  |
|          |  |          |  |  |              |  |  |              |              |                 |  |  |
|          | 101  |          |  |  |              |  |  |              |              |                 |  |  |
|          | 101<br>102   |          |  |  |              | -  |  |              | П            |                 |  |  |
|          | 103<br>104<br>105                                    |          |  |  |              |  |  |              |              | П               |  |  |
|          | 104  |          | $\vdash$   |  |              |  | $\vdash$   |              | П            | $\vdash$        |  |  |
|          | 105  |          | $\vdash$   |  |              | -  | $\vdash$   | Г            | _            | П               |  |  |
|          | 106<br>107<br>108<br>109                             |          | $\vdash$   |  |              | $\vdash$   |  | $\vdash$     | Ι            | М               |  |  |
|          | 107  |          |  |  |              |  | $\vdash$   | Т            | Г            | П               |  |  |
|          | 108  |          |  |  |              | -  | H  |              | _            |                 |  |  |
|          | 109  | $\vdash$ | $\vdash$   |  |              | H  | $\vdash$   | H            | $\vdash$     | П               |  |  |
|          | 110  | -        | _  | $\vdash$   |              | $\vdash$   | $\vdash$   | $\vdash$     | _            | Н               |  |  |
|          | 111  | $\vdash$ | $\vdash$   | $\vdash$   | Н            | $\vdash$   | <del>                                     </del> | ┢            | -            | Н               |  |  |
| _        | 110<br>111<br>112<br>113<br>114<br>115<br>116        | $\vdash$ | <del>                                     </del> | <del>                                     </del>   | <del> </del> | <del>                                     </del> |  | <del> </del> | $\vdash$     | H               |  |  |
|          | 113  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | Н               |  |  |
|          | 114  | $\vdash$ | $\vdash$   |  | $\vdash$     | -  | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$        |  |  |
| -        | 115  | ├─       | $\vdash$   | $\vdash$   |              | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | Н               |  |  |
|          | 116  | $\vdash$ | $\vdash$   | $\vdash$   | <u> </u>     |  | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash \vdash$ |  |  |
| -        | 110  | <u> </u> | ├  | Η-   | $\vdash$     | $\vdash$   | -  | $\vdash$     | $\vdash$     | $\vdash$        |  |  |
|          | 117<br>118<br>119                                    | ·        | <u> </u>   | ⊢  | <u> </u>     |  | $\vdash$   | ┝            | ├            | $\vdash$        |  |  |
|          | 110  | $\vdash$ | $\vdash$   | $\vdash$   |              | $\vdash$   | $\vdash$   | $\vdash$     | ├            | $\vdash \vdash$ |  |  |
|          | 119  | -        | ⊢  |  | _            | _  |  | ┡            | <u> </u>     | Н               |  |  |
|          | 120  | _        | <del></del>                                      | <u> </u>   |              | _  | <del> </del>                                     | <del> </del> | ├            | Н               |  |  |
|          | 120<br>121<br>122                                    |          | <u> </u>   | <u> </u>   |              |  | <u> </u>   | ┡            | ╙            | Щ               |  |  |
|          | 122  |          | <u> </u>   | Щ.   |              | $\vdash$   | <u> </u>   | <u> </u>     | <u> </u>     | Ш               |  |  |
|          | 123  | _        | _  | _  | _            | $\vdash$   | L  | <u> </u>     | <u> </u>     | Щ               |  |  |
|          | 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | _        | <u> </u>   |  |              | $\vdash$   |  | <u> </u>     | <u> </u>     | Ш               |  |  |
|          | 125  |          |  | <u> </u>   |              |  | ļ  | -            | <u> </u>     |                 |  |  |
|          | 126  |          | <u> </u>   | ļ  |              |  | ļ  | ļ            | ļ            |                 |  |  |
|          | 127  |          | ļ  | _  |              | _  |  | _            | ļ            |                 |  |  |
|          | 128  |          | ļ  | L  |              | _  |  | <u> </u>     | <u> </u>     | $\perp$         |  |  |
|          | 129  | _        | _  |  |              |  | _  | <u> </u>     | ldash        | Щ               |  |  |
|          | 130  |          | <u> </u>   |  |              |  | <u>_</u> .                                       | ļ            |              | Ш               |  |  |
|          | 131<br>132<br>133                                    | L        | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u>   | L.   | <u> </u>     | <u> </u>     | Щ               |  |  |
|          | 132  |          |  |  | Ļ            | _  |  | <u> </u>     | Щ            | Щ               |  |  |
|          | 133  | L        | _  | <u> </u>   | L            | L  | L  |              | <u> </u>     | Ш               |  |  |
|          | 134  | L.,      |  | ļ  | L            | ļ  |  | <u> </u>     | <u> </u>     | Ш               |  |  |
|          | 134<br>135<br>136                                    | Ш        | <u> </u>   |  | L            | _  |  | $\vdash$     |              | Ш               |  |  |
|          | 136  | Ш        | <u>L</u>   | <u> </u>   | L            | L_   |  | <u> </u>     | <u> </u>     | Ш               |  |  |
|          | 137<br>138<br>139<br>140                             | Ш        | <u> </u>   |  | L.           | _  | L  | <u> </u>     | <u> </u>     | Щ               |  |  |
|          | 138  | L        | L_   | L.,  | L            | L  | L  | L            | L            | Ш               |  |  |
|          | 139  |          |  | Ш  |              |  |  | _            | $oxed{oxed}$ | Ш               |  |  |
|          | 140  | L        | L  | Щ  | Щ.           | L.,  | Ш  | <u> </u>     | Ц.           | Ш               |  |  |
|          | 141  | L        |  | L_   |              |  | L  | L            | L            | Ш               |  |  |
|          | 142  |          | <u> </u>   | ļ  | ل<br>ا       | L  | L  | L            | _            |                 |  |  |
|          | 143  |          | L  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  |              |  |  | 匚            | $oxed{oxed}$ | Ш               |  |  |
|          | 144  | Ш        |  | $ldsymbol{le}}}}}}}$ |              |  |  |              | <u> </u>     | Ш               |  |  |
|          | 145  |          |  |  |              |  |  | <u> </u>     | <u> </u>     | Ш               |  |  |
|          | 146  |          |  |  |              |  |  |              | $\Box$       |                 |  |  |
|          | 147  |          |  |  |              |  |  |              |              |                 |  |  |
|          | 148  |          |  |  |              |  |  |              |              |                 |  |  |
|          | 149  |          |  |  |              |  |  |              |              |                 |  |  |
|          | 150  |          |  |  |              |  |  |              |              |                 |  |  |
|          |  |          |  |  |              |  |  |              |              |                 |  |  |